

Appl. No. 10/708,765
Amdt. dated November 09, 2005
Reply to Office action of September 01, 2005

Amendments to the Specification:

Please replace paragraph 0018 with the following amended paragraph:

In the preferred embodiment, the controller 32 has a controlling device 38, a driving device 40, a tracing device 42, and a calculating device 44. The controlling device 38 uses an index parameter for outputting a control signal to the driving device 40. The term index parameter represents a number of driving pulses output from the controller 32 to the driving device 40 through the control signal that are required to move the stepping motor a predetermined displacement. Then, with the usage of the stepping motor 34, the driving device 40 moves the loading device 36 by an actual displacement according to a target displacement corresponding to the control signal. The tracing device 42 is used for detecting the actual displacement associated with the loading device 36, and reports the information of the actual displacement to the calculating device 44. In the end, the calculating device 44 determines whether the index parameter currently used by the controlling device 38 needs to be adjusted according to the received information of the actual displacement.